

SPECIFICATION AMENDMENTS

Please amend the last paragraph on page 4 as follows:

U.S. Pat. Appl. Pub. No. ~~US 2002/0041623 A1~~ 7,099,366, entitled "PSEUDO-RANDOM NUMBER SEQUENCE OUTPUT UNIT, TRANSMITTER, RECEIVER, COMMUNICATION SYSTEM AND FILTER UNIT, ~~PSEUDO-RANDOM NUMBER SEQUENCE OUTPUT METHOD, TRANSMISSION METHOD, RECEIVING METHOD AND FILTERING METHOD, AND DATA RECORDING MEDIUM~~," discloses a device for and method of generating a pseudo random number by calculating a recursive formula using a number, prescribed positive integers, a prescribed real impulse constant, and a prescribed non-zero real constant. The present invention does not use such a device or method. U.S. Pat. Appl. Pub. No. ~~US 2002/0041623 A1~~ 7,099,366 is hereby incorporated by reference into the specification of the present invention.

Please amend the second full paragraph on page 5 as follows:

U.S. Pat. Appl. Pub. No. ~~US 2004/0028223 A1~~ 7,113,595, entitled "GENERATION OF A RANDOM NUMBER THAT IS NOT NON-DIVISIBLE BY A SET OF PRIME NUMBERS," discloses a device for and method of generating a random number by generating a number that is co-prime with a set of prime numbers without calculating the greatest common denominator of the numbers, and testing the generated number using the Carmichael function to determine if it is

non-zero. If it is equal to zero then the generated number is treated as a random number. Otherwise, updating the generated number and repeating the above-identified steps. The present invention does not use such a device or method. U.S. Pat. ~~Appl. Pub.~~ No. ~~US 2004/0028223 A1~~ 7,113,595 is hereby incorporated by reference into the specification of the present invention.

Please amend the last paragraph on page 5 as follows:

U.S. Pat. ~~Appl. Pub.~~ No. ~~US 2004/0039762 A1~~ 7,047,262, entitled "ENTROPY ESTIMATION AND DECIMATION FOR IMPROVING THE RANDOMNESS OF TRUE RANDOM NUMBER GENERATION," discloses a device for improving randomness in a random number generator using an entropy estimator to generate a signal indicative of the randomness of the output of a physical random number generator. The signal is processed by a decimator whose output represents a decimation of a true random number and a pseudo-random number. The present invention does not use such a device. U.S. Pat. ~~Appl. Pub.~~ No. ~~US 2004/0039762 A1~~ 7,047,262 is hereby incorporated by reference into the specification of the present invention.